IN THE CLAIMS:

Please amend Claims 1-13 as follows.

- 1. (Currently Amended) A display device comprising:
 - a light source for emitting a light;

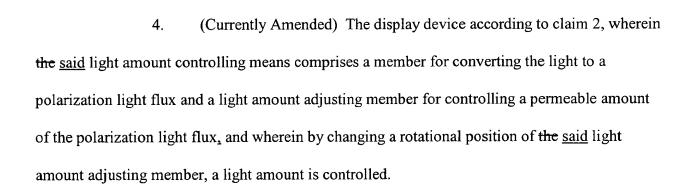
a light modulation element for modulating the emitted light; and picture signal inputting means for receiving a picture signal from the outside and inputting a driving signal for driving the said light modulation element to the said light modulation element, in which the said light modulation element modulates the light based on the picture signal and an image is displayed,

wherein the <u>said</u> picture signal inputting means comprises target light amount calculating means and light amount controlling means, the <u>said</u> target light amount calculating means being means for calculating an adequate light amount for an image display and the <u>said</u> light amount controlling means being means for receiving the signal from the <u>said</u> target light amount calculating means and controlling the light so as to obtain a target light amount; and

wherein said picture signal inputting means changes signal
amplification rates in at least two input ranges for changing input-output conversion
characteristics according to an output of said target light amount calculating means, and in the
two input ranges of the input-output conversion characteristics said the picture signal inputting
means largely amplifies the driving signal when the picture signal has a low luminance and
slightly amplifies the driving signal when the picture signal has a high luminance.

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- 2. (Currently Amended) The display device according to claim 1, wherein, when the picture signal has a high luminance, a pseudo multi-gradation process is executed.
- 3. (Currently Amended) The display device according to claim 1, wherein the said light amount controlling means comprises a member for converting the light to a polarization light flux and a light amount adjusting member for controlling a permeable amount of the polarization light flux, and wherein by changing a rotational position of the said light amount adjusting member, a light amount is controlled.



- 5. (Currently Amended) The display device according to claim 3, wherein the said light amount adjusting member is a phase plate.
- 6. (Currently Amended) The display device according to claim 4, wherein the said light amount adjusting member is a phase plate.

- 7. (Currently Amended) The display device according to claim 2, wherein rotation of the said light amount adjusting member is executed by an ultrasonic motor.
- 8. (Currently Amended) The display device according to claim 3, wherein rotation of the said light amount adjusting member is executed by an ultrasonic motor.
- 9. (Currently Amended) The display device according to claim 4, wherein rotation of the said light amount adjusting member is executed by an ultrasonic member.
- 10. (Currently Amended) The display device according to claim 5, wherein rotation of the said light amount adjusting member is executed by an ultrasonic motor.
- 11. (Currently Amended) The display device according to claim 6, wherein rotation of the said light amount adjusting member is executed by an ultrasonic motor.

(Currently Amended) A display device comprising:

12.

a light source for emitting a light;

a light modulation element for modulating the emitted light; and

picture signal inputting means for receiving a picture signal from the

outside and inputting a driving signal for driving the light modulation element to the said light

modulation element, in which the said light modulation element modulates the light based on the

picture signal and an image is displayed,

wherein the <u>said</u> picture signal inputting means comprises target light amount calculating means and light amount controlling means, the <u>said</u> target light amount

calculating means being means for calculating an adequate light amount for an image display and the said light amount controlling means being means for receiving the signal from the said target light amount calculating means and controlling the a light modulated which is transmitted or reflected by the said light modulation element so as to obtain a target light amount; and wherein the said picture signal inputting means changes a signal amplification factor for changing input_output conversion characteristics corresponding to an output of the said target light amount calculating means.

13. (Currently Amended) The display device according to claim 12, wherein, when the picture signal has a high luminance, the said picture signal inputting means amplifies by an amplification factor not more than the an amplification factor used when in the case of the picture signal having has a low luminance.

14. (Original) The display device according to claim 12, wherein, when the picture signal has a low luminance, the signal is amplified by an amplification factor of 1 or more.